

Form PTO-1449 (modified)

Atty. Docket No.
UTSC:652USSerial No.
09/998,009

O P E R A T I O N S
MAY 28 2002
P A T E N T & T R A D E M A R K O F F I C E
List of Patents and Publications for Applicant's
INFORMATION DISCLOSURE STATEMENT
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Applicant
Marina Konopleva *et al.*U.S. Patent Documents
*See Page 1*Foreign Patent Documents
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U.S. Patent Documents

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Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
W	C1	Agarwal and Mehta, "Possible involvement of Bcl-2 pathway in retinoid X receptor alpha-induced apoptosis of HL-60 cells," <i>Biochem Biophys Res Commun</i> , 230(2):251-253, 1997.
W	C2	Andreeff <i>et al.</i> , "Expression of bcl-2-related genes in normal and AML progenitors: Changes induced by chemotherapy and cationic acid," <i>Leukemia</i> , 13:1881-1892, 1999.
W	C3	Andreeff, "Acute myeloid leukemia," In: <i>Cancer Treatment</i> , Haskell (Ed.), W. B. Saunders, 911-922, 1995.
W	C4	Beran <i>et al.</i> , "Topotecan and cytarabine is an active combination regimen in myelodysplastic syndromes and chronic myelomonocytic leukemia," <i>J. Clinical Oncology</i> , 17(9):2819-2830, 1999.
W	C5	Carter <i>et al.</i> , "Expression of survivin, a member of the inhibitor of apoptosis (IAP) family of caspase inhibitors is expressed in AML and regulated by cytokines and ATRA," <i>Blood</i> , 94(Suppl 1):479a, Abstract # 2142, 1999.
W	C6	Castaigne <i>et al.</i> , "All-trans retinoic acid as a differentiation therapy for acute promyelocytic leukemia," <i>Blood</i> , 76(9):1704-1709, 1990.
W	C7	Drach <i>et al.</i> , "Induction of differentiation in myeloid leukemia cell lines and acute promyelocytic leukemia cells by liposomal all-trans-retinoic acid," <i>Cancer Research</i> , 53:2100-2104, 1993.

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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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TECH CENTER 1600/2900**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
✓	C8	Engel <i>et al.</i> , "Quantitation of minimal residual disease in acute myelogenous leukemia and myelodysplastic syndromes in complete remission by molecular cytogenetics of progenitor cells," <i>Leukemia</i> , 13:568-577, 1999.
✓	C9	Estey <i>et al.</i> , "Molecular remissions induced by liposomal-encapsulated all-trans retinoic acid in newly diagnosed acute promyelocytic leukemia," <i>Blood</i> , 94:2230-2235, 1999.
✓	C10	Estey <i>et al.</i> , "Randomized phase II study of fludarabine + cytosine arabinoside + idarubicin + all-trans retinoic acid + granulocyte-colony stimulating factor in poor prognosis newly diagnosed acute myeloid leukemia and myelodysplastic syndrome," <i>Blood</i> , 93(8):2478-2484, 1998.
✓	C11	Kim <i>et al.</i> , "Capasase-3 activation is involved in apoptosis induced by a synthetic triterpenoid in Non-small cell lung cancer (NSCLC) cells," <i>Proc. Amer. Assoc. Cancer Res.</i> , 41:770, Abstract #4894, 2000.
✓	C12	Konopleva and Andreeff, "Regulatory pathways in programmed cell death," <i>Cancer Mol Biol.</i> , 6:1229-1260, 1999.
✓	C13	Konopleva <i>et al.</i> , "Apoptosis: molecules and mechanisms," <i>Adv Exp Med Biol</i> , 457:217-236, 1998.
✓	C14	Konopleva <i>et al.</i> , "Engraftment potential of AML progenitors into NOD/scid mice is dependent on baseline CXCR4 expression," <i>Blood</i> , 94(Suppl 1):166b, Abstract #3916, 1999.
✓	C15	Konopleva <i>et al.</i> , "Novel synthetic triterpenoid, CDDO, and its methyl ester: Potent antiproliferative, proapoptotic and differentiating agents in AML," <i>Blood</i> , 94(Suppl 1):479a, Abstract #2140, 1999.
✓	C16	Konopleva <i>et al.</i> , "Novel triterpenoid CDDO-Me is a potent inducer of apoptosis and differentiation in acute myelogenous leukemia," <i>Blood</i> , 99(1):326-335, 2002.
✓	C17	Konopleva <i>et al.</i> , "PPAR γ nuclear receptor as a novel therapeutic target in AML," <i>Blood</i> , 96(11):460a, Abstract #1982, 2000.
	C18	Kornblau <i>et al.</i> , "Apoptosis regulating proteins as targets of therapy for hematological malignancies," <i>Exp. Opin. Inv. Drugs</i> , 8:2027-2057, 1999.
✓	C19	Kornblau <i>et al.</i> , "Phase I study of mitoxantrone plus etoposide with multidrug blockage by SDZ PSC-833 in relapsed or refractory acute myelogenous leukemia," <i>J. Clin. Oncol.</i> , 15(5):1796-1802, 1997.

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MAY 28 2002 INFORMATION DISCLOSURE STATEMENT

Marina Konopleva *et al.*

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Foreign Patent Documents

Other Art

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
N	C20	Mehta <i>et al.</i> , "Activation of retinoid receptors RAR alpha and RXR alpha induces differentiation and apoptosis, respectively, in HL-60 cells," <i>Cell, Growth Differ.</i> , 7(2): 179-186, 1996.
N	C21	Sporn <i>et al.</i> , "Prospects for prevention and treatment of cancer with selective PPAR γ modulators (SPARMs)," <i>Trends in Molecular Medicine</i> , 7(9):395-400, 2001.
b	C22	Suh <i>et al.</i> , "A novel synthetic oleanane triterpenoid, 2-cyano-3, 12-dioxoolean-1,9-dien-28-oic acid, with potent differentiating, antiproliferative, and anti-inflammatory activity," <i>Cancer Res.</i> , 59(2):336-341, 1999.
N	C23	Tamm <i>et al.</i> , "Expression and prognostic significance of IAP-family genes in human cancers and leukemias," <i>Blood</i> , 94(Suppl. 1):69a, Abstract # 298, 1999.
b	C24	Walczak <i>et al.</i> , "Tumoricidal activity of tumor necrosis factor-related apoptosis-inducing ligand <i>in vivo</i> ", <i>Nature Medicine</i> , 5(2):157-163, 1999.
N	C25	Wang <i>et al.</i> , "A synthetic triterpenoid, 2-cyano-3,12-dioxooleana-1,9-dien-28-oic acid (CDDO), is a ligand for the peroxisome proliferator-activated receptor gamma," <i>Mol. Endocrinol.</i> , 14(10): 1550-1556, 2000.
a	C26	Warrell <i>et al.</i> , "Differentiation therapy of acute promyelocytic leukemia with tretinoin (all-trans-retinoic acid)," <i>N. Engl. J. Med.</i> , 324(20):1385-1393, 1991.
N	C27	Xie <i>et al.</i> , "Differential expression patterns in human myeloblastic leukemia HL-60 and multidrug resistant HL-60/Dox cells analyzed by human cDNA expression array," <i>Blood</i> , 92 (Suppl 1):387a, Abstract #1600. 1998.

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1635U.S. Patent Documents
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Foreign Patent Documents

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✓	B1	WO 99/65478	12/23/99	PCT			

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
✓	C28	Ito <i>et al.</i> , "The novel triterpenoid 2-cyano-3, 12-dioxoolean-1,9-dien-28-oic acid induces apoptosis of human myeloid leukemia cells by a caspase-8-dependent mechanism," <i>Cell Growth & Differentiation</i> , 11(5):261-267, 2000.
✓	C29	Konopleva <i>et al.</i> , "Novel synthetic triterpenoid CDDO-Me: potent antiproliferative, proapoptotic and differentiating agent in AML," <i>Blood</i> , 96(11), Part 1: 121A, abstract # 522, 2000.
✓	C30	Ruvolo <i>et al.</i> , "The novel triterpenoid methyl-CDDO inhibits Bc12 phosphorylation and potently kills U937 cells," <i>Blood</i> , 94(10), Suppl. 1, Part 1: 280A, abstract #1251, 1999.
✓	C31	Suh <i>et al.</i> , "A novel synthetic oleanane triterpenoid, 2-cyano-3,12-dioxoolean-1,9-dien-28-oic acid (CDDO), induces cell differentiation in human myeloid leukemias," <i>Proceedings of the American Association for Cancer Research Annual Meeting</i> , 40:300, abstract # 1988, 1999.
✓	C32	Wang <i>et al.</i> , "A novel synthetic triterpenoid, 2-cyano-3,12-dioxoolean-1,9-dien-28-oic acid (CDDO) induces adipocyte differentiation in 3T3-L1 cells," <i>Proceedings of the American Association for Cancer Research Annual Meeting</i> , 40:300, abstract # 1989, 1999.

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